

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### WISCONSIN, Southeast

#### FOND DU LAC COUNTY

3.7 NNW BRANDON	05/01/07 00:00 CST		0.10M	Lightning
	05/01/07 00:00 CST		0	43.7794N, 88.7983W

Lightning struck an older home that was subsequently destroyed by a fire. No one was at home at that time.

#### OZAUKEE COUNTY

1.7 W SAUKVILLE	05/01/07 04:40 CST		75K	Lightning
	05/01/07 04:40 CST		0	43.38N, 87.9638W

Lightning struck a barn that was subsequently destroyed by a fire. All of the animals escaped, and stored tools were saved. Only a minor amount of hay was lost.

**Scattered thunderstorms resulted in a couple lightning fires.**

#### SHEBOYGAN COUNTY

3.5 NW SHEBOYGAN	05/09/07 11:10 CST		0	Hail (1.00 in)
	05/09/07 11:10 CST		0	43.7858N, 87.7695W

Large hail the size of pennys to quarters covered the ground white just northwest of the city limits of Sheboygan. No damage was noted. As the storm eventually moved through the city of Sheboygan it dumped heavy rains of 0.81 inches in about 45 minutes. Water accumulated on some roads to a depth of 3 to 5 inches.

**A short line of storms moved southeast through Sheboygan County as an upper low pressure system drifted east across Wisconsin. One storm managed to pulse to severe limits and generate large hail.**

#### SHEBOYGAN (WI-Z052), OZAUKEE (WI-Z060), MILWAUKEE (WI-Z066), RACINE (WI-Z071), KENOSHA (WI-Z072)

05/10/07 02:00 CST	0	Dense Fog
05/10/07 06:30 CST	0	

Dense fog developed during the pre-dawn hours and persisted for about 4.5 hours in the counties bordering Lake Michigan from Sheboygan to Kenosha. Visibilities were reduced to around 1/4 mile. Several airplane flights were delayed or cancelled. Raditional cooling of a moist airmass coming in from Lake Michigan led to the dense fog event.

#### DANE COUNTY

3.0 N SUN PRAIRIE	05/16/07 15:35 CST		0	Funnel Cloud
	05/16/07 15:35 CST		0	43.2234N, 89.2W

Brief "cold-air" funnel cloud observed.

#### WASHINGTON COUNTY

1.0 S HARTFORD	05/16/07 15:50 CST		0	Hail (0.75 in)
	05/16/07 15:50 CST		0	43.3055N, 88.38W

The ground was covered white, but there was no damage.

**Afternoon convection resulted in scattered showers and thunderstorms. One storm managed to pulse to severe limits and generate large hail.**

#### MARQUETTE (WI-Z046), GREEN LAKE (WI-Z047), FOND DU LAC (WI-Z051), SHEBOYGAN (WI-Z052), SAUK (WI-Z056), COLUMBIA (WI-Z057), DODGE (WI-Z058), WASHINGTON (WI-Z059), OZAUKEE (WI-Z060), IOWA (WI-Z062), DANE (WI-Z063), JEFFERSON (WI-Z064), WAUKESHA (WI-Z065), MILWAUKEE (WI-Z066), LAFAYETTE (WI-Z067), GREEN (WI-Z068), ROCK (WI-Z069), WALWORTH (WI-Z070), RACINE (WI-Z071), KENOSHA (WI-Z072)

05/24/07 10:00 CST	46K	Strong Wind (MAX 43 kt)
05/24/07 17:00 CST	0	

Strong southwest winds ahead of a cold front gusted to 39 to 43 knots (45 to 49 mph) affected south-central and southeast Wisconsin for about 7 hours. Scattered tree damage was noted in the form of broken large tree branches. Scattered, minor, power outages were reported after broken tree branches landed on power-lines. The strong southwest winds were the result of a large pressure gradient ahead of a cold front moving west to east across Wisconsin. In Wisconsin, widespread, strong wind events usually occur behind cold fronts, rather than ahead of them.

#### SAUK COUNTY

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1.0 NNW SPRING GREEN	05/24/07 13:22 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/24/07 13:22 CST		0	43.1934N, 90.0776W
Large trees were uprooted.				
<b>SAUK COUNTY</b>				
LAKE DELTON	05/24/07 13:45 CST		50K	Thunderstorm Wind (EG 56 kt)
	05/24/07 13:55 CST		0	43.58N, 89.78W
Large trees were uprooted. One vehicle was damaged when a tree fell on it. A couple electrical transformers were damaged by felled trees.				
<b>COLUMBIA COUNTY</b>				
WISCONSIN DELLS	05/24/07 13:48 CST		5K	Thunderstorm Wind (EG 56 kt)
	05/24/07 14:00 CST		0	43.63N, 89.77W
Large trees were uprooted across the city of Wisconsin Dells.				
<b>COLUMBIA COUNTY</b>				
3.0 N PORTAGE	05/24/07 14:00 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/24/07 14:00 CST		0	43.5934N, 89.45W
Large trees were uprooted.				
<b>MARQUETTE COUNTY</b>				
1.0 SW ENDEAVOR	05/24/07 14:15 CST		2K	Thunderstorm Wind (EG 52 kt)
	05/24/07 14:15 CST		0	43.6898N, 89.4841W
Large trees were uprooted.				
<b>MARQUETTE COUNTY</b>				
WESTFIELD	05/24/07 14:15 CST		2K	Thunderstorm Wind (EG 56 kt)
	05/24/07 14:15 CST		0	43.88N, 89.48W
Large trees were uprooted.				
<b>GREEN LAKE COUNTY</b>				
BERLIN	05/24/07 14:50 CST		20K	Thunderstorm Wind (EG 56 kt)
	05/24/07 14:50 CST		0	43.97N, 88.93W
Large trees were uprooted and several power-lines were damaged/felled.				
<b>A pre-frontal squall line evolved into two separate north-south lines of thunderstorms that moved east to west across parts of south-central Wisconsin. Within the lines there were short bowing-segments. Afternoon instability was limited due to a large amount of clouds ahead of the thunderstorms.</b>				